DISPOSITIF POUR CREER UN CHAMP MAGNETIQUE TOURNANT DANS L'ESPACE EN VUE D'ALIMENTER DES ETIQUETTES ELECTRONIQUES SANS CONTACT

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Abstract of **FR2776864**

The invention concerns contactless electronic labels used for identifying products with which they are associated and, more particularly, with the device for powering said labels whatever their orientation in space by generating a rotating magnetic field. In order to obtain such a rotating magnetic field, the device comprises three planar antennae (Ax, Ay and Az) arranged in three orthogonal planes so as to generate three magnetic fields along the axes of a right-angled trihedron. Said antennae are powered with phase currents (Ix, Iy, Iz) at high frequency carrier frequency and amplitude modulated by time functions (alpha (t), beta (t)) which can be sine-wave functions of different frequencies.